

Department of Science and Technology
Advanced Science and Technology Institute
C.P. Garcia Ave., U.P. Technopark, U.P. Campus, Diliman, Quezon City 1101

Annual Procurement Plan for 2018
APP-2018-NCSE-019 (SUPPLEMENTAL)

Code	Procurement Program/Activity/Project	PMO/End-User	Mode of Procurement	Schedule for Each Procurement Activity				Source of Fund	Estimated Budget (Php)			Remarks (Brief Description of Program/Activity/ Project)
				Advertisement/ Posting of IB/REI	Submission/ Opening of Bids	Notice of Award	Contract Signing		Total	MDOE	CO	
SOLUTIONS AND SERVICES ENGINEERING DIVISION												
PUBLIC BIDDING												
50604050 03 ICT Equipment	1 UPS	SSED	Public Bidding	3rd Quarter of 2018				GOP	1,250,000.00	0.00	1,250,000.00	PREGINET
ALTERNATIVE METHODS OF PROCUREMENT												
I. NP - AGENCY-TO-AGENCY												
50203010 02 Office Supplies Expenses	1 Scissors heavy duty	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2018				GOP	300.00	300.00	0.00	Network Profiling Management
50203010 02 Office Supplies Expenses	2 Cutter heavy duty	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2018				GOP	300.00	300.00	0.00	Network Profiling Management
II. NP - SMALL VALUE PROCUREMENT												
A. ABOVE PHP50,000.00												
50207020 01 ICT Research, Exploration and Development Expenses	1 UHF Transceiver UHF band transceiver	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2018				GOP	134,400.00	134,400.00	0.00	COCOMONETS
50207020 01 ICT Research, Exploration and Development Expenses	2 Mini Universal Software Radio Peripheral Single channel transceiver	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2018				GOP	320,000.00	320,000.00	0.00	COCOMONETS
50203990 00 Other Supplies and Materials Expenses	3 Weatherproof Vented NEMA Enclosure with Cooling Fan Fiberglass Reinforced Polyester (FRP)	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2018				GOP	66,000.00	66,000.00	0.00	COCOMONETS
50604050 02 Office Equipment	4 5.0 TR ACU 5.0 TR Floor-mounted ACU	SSED	NP-53.9 Small Value Procurement	4th Quarter of 2018				GOP	165,000.00	0.00	165,000.00	PEDRO
50203990 00 Other Supplies and Materials Expenses	5 Enclosure Ventilation - two 4 inch air vents with cleanable aluminum mesh screens which are covered by rain shields Material: Fiberglass Reinforced Polyester Outer dimensions: 15.7 x 13.8 x 8.54 Inches Inner Dimensions: 13.87 x 11.97 x 8.2 Inches Mounting Plate Material: 0.10 inch Aluminum Mounting Plate Dimensions: 10.9 x 12.8 in. Ratings: NEMA Type 3R, 3RX / IP24 Flame rating: UL94-SV	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2018				GOP	58,850.00	58,850.00	0.00	PEDRO
50203990 00 Other Supplies and Materials Expenses	6 Solar Panel 50 Watt Monocrystalline Solar Panel IP65 Rated waterproof Junction box Maximum System Voltage: 600V DC (UL) Open-Circuit Voltage (Voc): 22.70V Short-Circuit Current (Isc): 2.84A Optimum Operating Voltage (Vmp): 18.50V Optimum Operating Current (Imp): 2.70A 25-year power output warranty: 5 year/95% efficiency rate, 10 year/90% efficiency rate, 25-year/80% efficiency rate 5-year material and workmanship warranty	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2018				GOP	90,000.00	90,000.00	0.00	PEDRO
50203220 01 Semi-Dependable - Furniture and Fixtures	7 Steel Storage Cabinet 4 to 5 layers Dimension: Approx. W 90cm x D 40cm x H 185cm Materials: Metal Colors: Off-White Glass-Steel Doors Metal Cabinet with Lock Attached sample design	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2018				GOP	182,000.00	182,000.00	0.00	PEDRO
50207020 01 ICT Research, Exploration and Development Expenses	8 LORAWAN Gateway Operating Voltage: 5 V Modulation: LoRa® Spread-Spectrum RF Output Power (max.): +20 dBm Operating Temperature: 15°C to 35°C Interfaces: DC-Jack RJ45 Ethernet USB (2x) SMA Connector Dimension (LxWxH): 151 x 80 x 71 mm (excl. Antenna) Concentrator: Corvias (C880A-SP) With on-board single board computer	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2018				GOP	51,200.00	51,200.00	0.00	SPECTRUM MONITORING

B. PhP50,000.00 AND BELOW											
50203990 00 Other Supplies and Materials Expenses	1	900MHz Transceiver 900MHz, 30dBm	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2018	GOP	40,500.00	40,500.00	0.00	COCOMONETS	
50207020 01 ICT Research, Exploration and Development Expenses	2	High gain omnidirectional antenna 900MHz 6 dBi gain	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2018	GOP	34,000.00	34,000.00	0.00	COCOMONETS	
50203990 00 Other Supplies and Materials Expenses	3	Parabolic grid antenna 824-960 MHz	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2018	GOP	33,000.00	33,000.00	0.00	COCOMONETS	
50203990 00 Other Supplies and Materials Expenses	4	Touch Screen Display for Single board computer 5 inch	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2018	GOP	9,000.00	9,000.00	0.00	COCOMONETS	
50203990 00 Other Supplies and Materials Expenses	5	Male MMCX to Female SMA Right angle Characteristic impedance 50Ω	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2018	GOP	8,000.00	8,000.00	0.00	COCOMONETS	
50203990 00 Other Supplies and Materials Expenses	6	Microcontroller board ARM Cortex-M4F core	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2018	GOP	8,040.00	8,040.00	0.00	COCOMONETS	
50203990 00 Other Supplies and Materials Expenses	7	USB Oscilloscope Two-channel USB digital oscilloscope	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2018	GOP	22,000.00	22,000.00	0.00	COCOMONETS	
50203990 00 Other Supplies and Materials Expenses	8	Tunable UHF Antenna 440-512 MHz	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2018	GOP	28,500.00	28,500.00	0.00	COCOMONETS	
50203990 00 Other Supplies and Materials Expenses	9	LoRa Module LoRa Mesh 868MHz Radio Module Kit	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2018	GOP	11,400.00	11,400.00	0.00	COCOMONETS	
50203990 00 Other Supplies and Materials Expenses	10	Microcontroller module Compatible with Arduino IDE	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2018	GOP	9,000.00	9,000.00	0.00	COCOMONETS	
50203990 00 Other Supplies and Materials Expenses	11	Weatherproof Enclosure IP65 NEMA 4 ABS	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2018	GOP	7,200.00	7,200.00	0.00	COCOMONETS	
50203210 03 Semi-Expendable - ICT Equipment	12	PC Presenter with laser pointer	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2018	GOP	3,000.00	3,000.00	0.00	PREGINET	
50203010 02 Office Supplies Expenses	13	Battery 9 volts	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2018	GOP	5,500.00	5,500.00	0.00	Network Profiling Management	
50203210 02 Semi-Expendable - Office Equipment	14	LCD Monitor Diagonal Viewing Size 59.9 cm 23.6 inches (23.6-inch wide viewable image size) Panel Type, Surface TN , Anti-Glare with 3H hardness Optimal Resolution 1920 x 1080 at 60 Hz Preset Display Area (H x V) 521.28 mm x 293.22 mm 20.52 inches x 11.54 inches	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2018	GOP	42,800.00	42,800.00	0.00	STATIONS	
50203990 00 Other Supplies and Materials Expenses	15	HDMI Cable 1.5 meters	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2018	GOP	520.00	520.00	0.00	STATIONS	
50299050 03 Rents - Motor Vehicles	16	Vehicle Rental 10 - 15 seater van or closed van Destination: Luzon/Vsayas/Mindanao	SSED	NP-53.9 Small Value Procurement	3rd - 4th Quarter of 2018	GOP	50,000.00	50,000.00	0.00	Optimization	
50202010 02 Training Expenses	17	Meals Meals for meetings, trainings, workshops, etc. Good for 30-120 pax Inclusive of AM/PM Snacks, Lunch	SSED	NP-53.9 Small Value Procurement	3rd - 4th Quarter of 2018	GOP	50,000.00	50,000.00	0.00	Optimization	
50203210 03 Semi-Expendable - ICT Equipment	18	Wireless Microphone Frequency response tailored for vocals, with brightened midrange and bass roll-off Uniform cardioid pickup pattern isolates the main sound source and minimizes background noise Pneumatic shock-mount system cuts down handling noise Effective, built-in spherical wind and pop filter Supplied with break-resistant stand adapter which rotates 180 degrees Legendary Shure quality, ruggedness and reliability Cardioid (unidirectional) dynamic Frequency response: 50 to 15,000 Hz	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2018	GOP	37,500.00	37,500.00	0.00	PEDRO	
50203210 03 Semi-Expendable - ICT Equipment	19	Wired Microphone Category Microphone (vocals) Type Handheld Transfer type Corded Characteristics Cardioid Weight 298 g Interfaces XLR	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2018	GOP	37,500.00	37,500.00	0.00	PEDRO	
50203210 03 Semi-Expendable - ICT Equipment	20	Lapel 20-Channel UHF Wireless Lavalier Lapel Microphone System With Bodypack Transmitter, Mini XLR Female Lapel Mic And Portable Receiver, 1/4 Inch Output	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2018	GOP	25,000.00	25,000.00	0.00	PEDRO	

50203990 00 Other Supplies and Materials Expenses	21	Battery Enclosure Material: Fiberglass Reinforced Polyester Outer Dimensions: 15.75 x 13.83 x 8.73 inches Inner Dimensions: 13.67 x 11.97 x 8.4 inches Ratings: NEMA Type 4, 4X / IP66 Flame Rating: UL94-SV	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2018	GOP	48,000.00	48,000.00	0.00	PEDRO
50203990 00 Other Supplies and Materials Expenses	22	Valve Regulated Lead Acid Battery 12V, 38Ah 196x164x169 mm.	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2018	GOP	27,500.00	27,500.00	0.00	PEDRO
50203990 00 Other Supplies and Materials Expenses	23	Solar Charge Controller True 0 to 100% PWM duty cycle Setpoint accuracy 12V: +/-25mV; 24V: +/-48mV Fully encapsulated in epoxy potting Marine rated terminals / anodized case With Temperature compensation Sealed / Flooded battery select Nominal system voltage: 12Vdc Max. solar input voltage: 30 V Max. solar current: 10 Battery voltage range: 6 -15V Self-consumption: < 8 mA Voltage Accuracy: 1.0 % Transient Surge Protection: 1500W per connection	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2018	GOP	50,000.00	50,000.00	0.00	PEDRO
50207020 01 ICT Research, Exploration and Development Expenses	24	High-gain yagi antenna Gain: 9.2 dBi Frequency range: 143 to 148 MHz Beamwidth: 60 degrees circular VSWR: 1.3: 1 Feed type: "T" Match Input connector: "N" Female Power handling: 1.5KW Wind survival: 100 MPH	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2018	GOP	29,260.00	29,260.00	0.00	SPECTRUM MONITORING
50207020 01 ICT Research, Exploration and Development Expenses	25	Omnidirectional egg-beater antenna Gain: 5.5 dBi Frequency range: 135 to 150 MHz Impedance: 50 ohms VSWR at 144-148 MHz: 1.2-1 Polarity: Right Hand Circular Overhead Power handling: 500W Max Wind survival: 100 MPH	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2018	GOP	30,000.00	30,000.00	0.00	SPECTRUM MONITORING

COMPUTER SOFTWARE DIVISION

PUBLIC BIDDING

50604050 03 ICT Equipment	1	Laptop CPU: Intel® Core™ i7-7700HQ processor OS: Windows 10 Home Display: 15.6" FHD (1920x1080), IPS-Level Chipset: Intel® HM175 Graphics: GeForce® GTX 1060 with 6GB GDDR5 Memory Type: DDR4-2400 Number of DIMM Slot: 2 Slots Memory: 16GB DDR4 Storage: 1TB HDD SATA + 256GB SSD Optical Drive: DVD Super Multi WebCam: HD type (30fps@720p) Keyboard: Backlight Keyboard (Full-Color) LAN: Killer Gb LAN Wireless LAN & Bluetooth: 802.11 ac Wi-Fi + Bluetooth v4.2 Speaker: 4x 2W Woofer: 1x 3W Audio Jack: 1x Mic-in 1x Headphone-out (SPDIF) Type-C USB3.1 GEN2: 1x Type-A USB3.0: 2x Type-A USB2.0: 1x RJ45: 1x Card Reader: 1x SD (XC/XC) HDMI: 1x (4K @ 30Hz) Mini-Display Port: 1x Battery (Cell): 6-Cell Battery (Type): Li-Ion Battery (Wt): 51 AC Adapter: 180W adapter Dimension (WxDxH) mm : 383 x 260 x 27-29 mm Weight (w/ battery): 2.4 kg With carrying/protective bag With Bluetooth headset With Bluetooth Mouse	CSD	Public Bidding	3rd Quarter of 2018	GOP	101,575.00	101,575.00	0.00	DOE-OSECC
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KNOWLEDGE MANAGEMENT DIVISION

ALTERNATIVE METHODS OF PROCUREMENT

L NP - SMALL VALUE PROCUREMENT

A. PhP50,000.00 AND BELOW

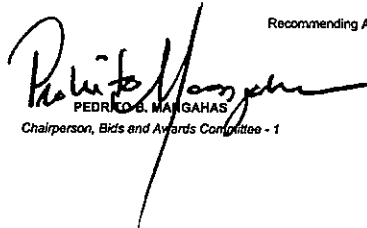
50203220 02 Semi-Expendable - Books	1	The Computational Complexity of Ball Permutation Digital copy / E-book	KMD	NP-53.9 Small Value Procurement	3rd Quarter of 2018	GOP	1,000.00	1,000.00	0.00	
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50203220 02 Semi-Expendable - Books	2	Quantum Complexity Theory Digital copy / E-book	KMD	NP-53.9 Small Value Procurement	3rd Quarter of 2018	GOP	1,000.00	1,000.00	0.00	
50203220 02 Semi-Expendable - Books	3	BQP and Polynomial Hierarchy Digital copy / E-book	KMD	NP-53.9 Small Value Procurement	3rd Quarter of 2018	GOP	1,000.00	1,000.00	0.00	
50203220 02 Semi-Expendable - Books	4	Parallel Programming with OpenACC Digital and Print Bundle	KMD	NP-53.9 Small Value Procurement	3rd Quarter of 2018	GOP	5,700.00	5,700.00	0.00	
50203220 02 Semi-Expendable - Books	5	Exponential Separation of Quantum Communication and Classical Information Digital copy / E-book	KMD	NP-53.9 Small Value Procurement	3rd Quarter of 2018	GOP	1,000.00	1,000.00	0.00	
50203220 02 Semi-Expendable - Books	6	MIT Technology Review Digital (Online Access)	KMD	NP-53.9 Small Value Procurement	3rd Quarter of 2018	GOP	2,350.00	2,350.00	0.00	
50203220 02 Semi-Expendable - Books	7	You at Work: Dealing with Setbacks Digital copy / E-book	KMD	NP-53.9 Small Value Procurement	3rd Quarter of 2018	GOP	1,250.00	1,250.00	0.00	
50203220 02 Semi-Expendable - Books	8	Good Charts for Persuasive Presentations: How to Use the Best Data Visualizations for Great Presentations Two (2) books Digital copy / E-book	KMD	NP-53.9 Small Value Procurement	3rd Quarter of 2018	GOP	2,950.00	2,950.00	0.00	
50203220 02 Semi-Expendable - Books	9	How Automation will Change Work, Purpose, and Meaning Digital copy / E-book	KMD	NP-53.9 Small Value Procurement	3rd Quarter of 2018	GOP	600.00	600.00	0.00	
50203220 02 Semi-Expendable - Books	10	To be a Great Leader, You have to Learn How to Delegate Well Digital copy / E-book	KMD	NP-53.9 Small Value Procurement	3rd Quarter of 2018	GOP	600.00	600.00	0.00	
50203220 02 Semi-Expendable - Books	11	HBR Guide to Project Management Digital copy / E-book	KMD	NP-53.9 Small Value Procurement	3rd Quarter of 2018	GOP	4,550.00	4,550.00	0.00	
TOTAL							3,108,845.00	1,673,845.00	1,435,000.00	

Prepared and Consolidated By:


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